APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

Betonbouw, V. V.
THE INFLUENCE OF HIGH TEMPERATURES ON PRESTRESSED CONCRETE. [1961] 8p.
Order from SLA $1.10 61-18980

Trans. of a Dutch language article from an unidentified source, n.d.

DESCRIPTORS: *Concrete, Cements, Reinforced concrete, Beams, Deformation, Heat transfer, Stresses, Load distribution, Temperature.

A 5 cm concrete covering of the cable, and careful cement grouting, effectively protects the steel. Mechanically compacted concrete rapidly loses its strength at high temperatures. The size of the beam is an important factor in connexion with heat conduction. The amount of deformation is to a great extent governed by the load on the beam. Prestressed beams are more liable to excessive deformation than ordinary reinforced concrete beams. (Author)

61-18980

1. Title: Prestressed concrete
I. Betonbouw, V. V.

(Engineering--Civil, TT, v. 6, no. 10)
Office of Technical Services

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

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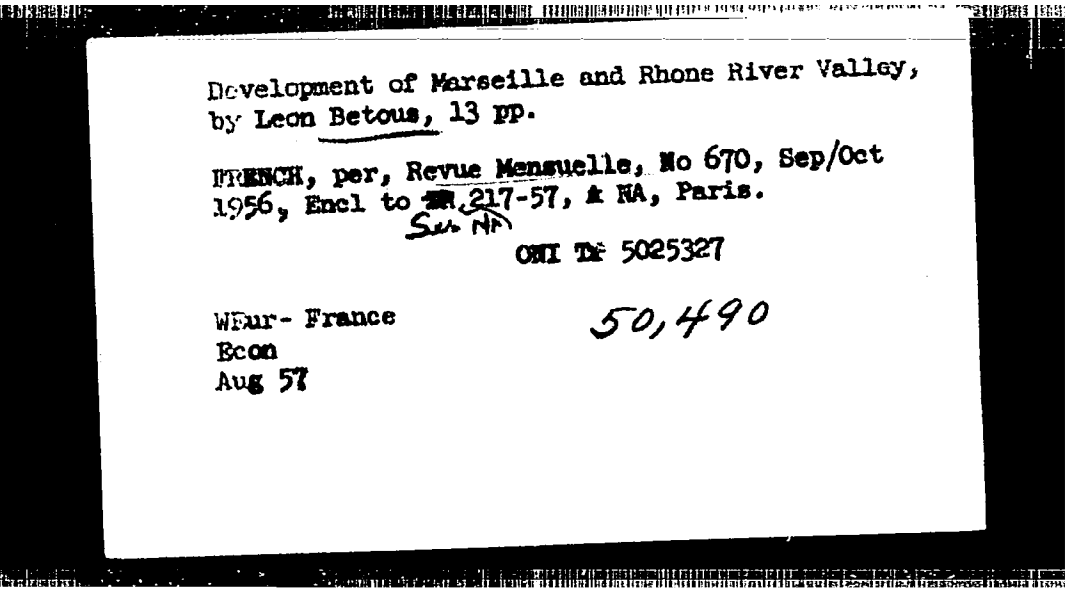

Development of Marseille and Rhone River Valley, by Leon Betous, 13 pp.

FRENCH, per, Revue Mensuelle, No 670, Sep/Oct 1956, Encl to [illegible]217-57, & NA, Paris.

See NA

OCI Tr 5025327

WEur- France
Econ
Aug 57

50,490

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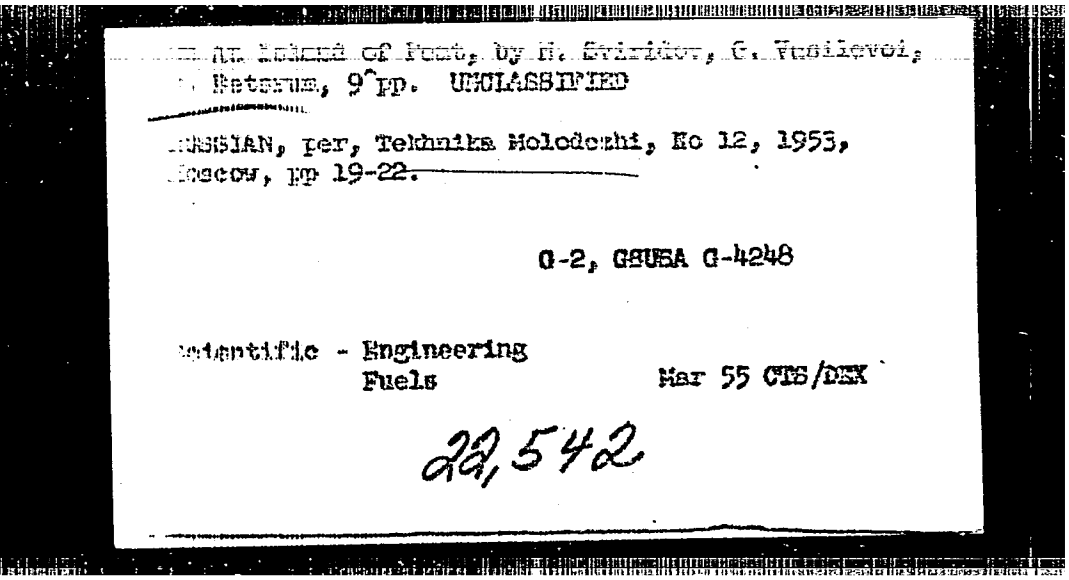

m. Inland of Pont, by N. Sviridov, G. Vasilevoi,
Retsrum, 9 pp. UNCLASSIFIED

USSIAN, per, Tekhnika Molodezhi, No 12, 1953,
oscow, pp 19-22.

G-2, GSUSA G-4248

Scientific - Engineering
Fuels Mar 55 CIS/DSK

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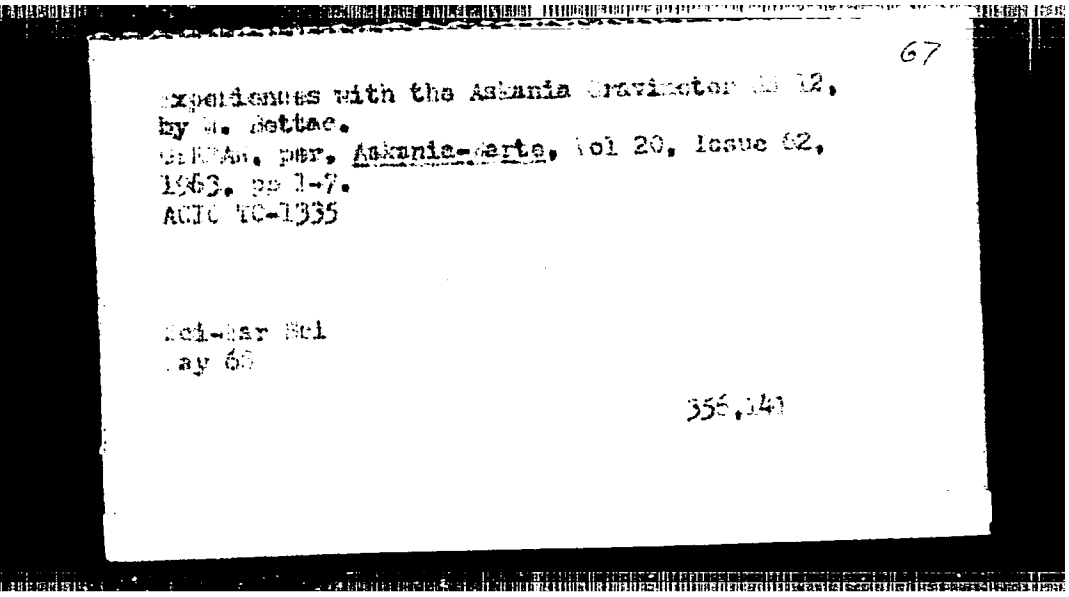

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xperiences with the Askania Gravimeter [illegible],
by [illegible]. Dettmo.
[illegible], per. Askania-Werke, Vol 20, Issue 62,
1963, pp 1-7.
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The Use of Urografin in Cerebral Angiography, by W. Grote, W. Bottag, 6 pp.

GERMAN, per, Forschr Gebiete Roentgenstrahlen, Vol LXXXIII, No 4, 1955, pp 580-584.

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Report on Some Current Problems of the Cuban Economy, by Charles Bettelheim, 147 pp. SECRET NO FOR DISSEM

SPANISH, Typewritten Photostats, 1962, 132 pp.

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LA _ Econ
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The Simulation of Large Nuclear Power Stations, by Denise Bettembourg, Max Deat.

FRENCH, per, Comptes Rendus du "Colloque International ~~Grandes-Centrales-Nucleaires~~-- sur L'Electronique Nucleaire" Organise par la Societe Francaise des Radioelectriciens, Paris, 1958, Vol II, 1959, pp 75-84.

*AEC

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Apr 60

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The New Drugs for Artorial Hypertension, by J. M. Bettencourt, 16 pp.

SPANISH, per, Medico, Vol V, Jan 1954, pp 9-16.

SLA Tr 2489

Sci - Medicine
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Desulphurizing Reactions in Present-day Processes of Production of Steel and Pig Iron, by C. Bettendorf, N. Werk.

GERMAN, per, Stahl und Eisen, Vol LII 1932.

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Scientific - Min/Metals $1.65

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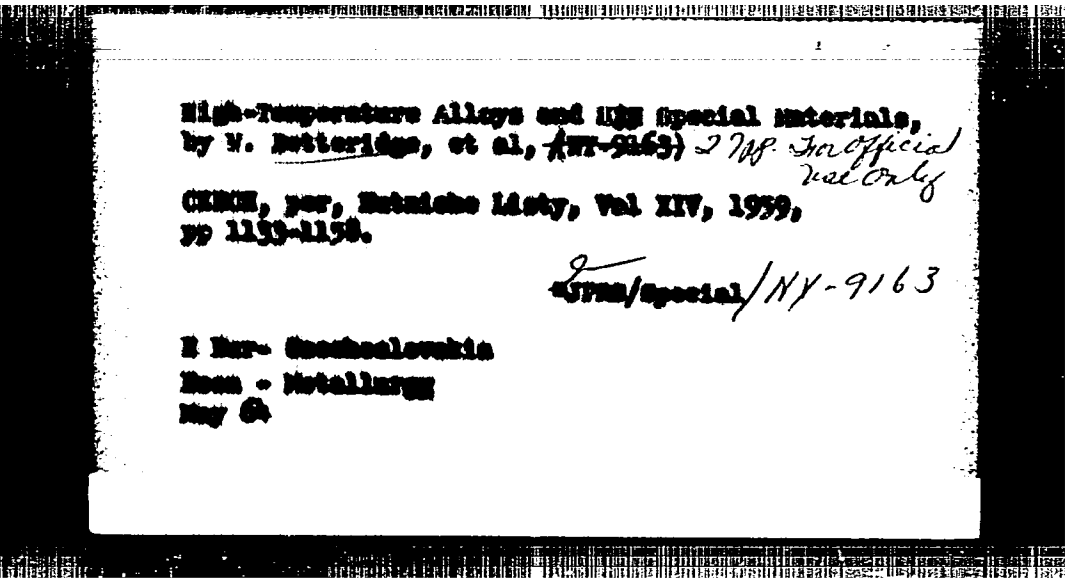

High-Temperature Alloys and UHM Special Materials,
by V. Butterfield, et al, (NY-9163) 2 Pp. For Official Use Only

CHEMK, por, Metallic Listy, Vol XIV, 1959,
pp 1159-1158.

2 CTSH/Special/NY-9163

X Nar. Czechoslovakia
Chem - Metallurgy
May 60

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

Bettermann, Kurt.
THE POT SPINNING OF STAPLE FIBERS IN THE DRY SPINNING PROCESS (Betrachtungen über das Topfspinnen von Stapelfasern nach dem Trocken-spinnverfahren). [1961] [23]p. 15 refs.
Order from SLA $2.60 61-16594

Trans of Faserforschung und Textiltechnik (Germany) 1958, v. 9, no. 2, p. 67-75.

DESCRIPTORS: *Threads, Processing.

As basis for subsequent practical experiments, fundamental studies were made on the suitable type of spindle and the most appropriate yarn doffing process. Furthermore, the technical and economic advantages of the single or total doffing are compared and the operations involved in the starting of the spinning and the correction of thread breaks as well as the possibilities of automatization of pot spinning are treated. (Author) (Materials--Textiles, TT, v. 6, no. 6)

61-16594

1. Title: Pot spinning
I. Bettermann, K.

Office of Technical Services

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

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Electronic Apparatus for Measuring the Dynamic Elasticity and Viscosity of Rubber-Like Materials, by A. Bettieher, V. Hardung, et al.

GERMAN, per, Kolloid-Zeitschrift, Vol CXLVIII, No 1/2, 1956, pp 66-73.

CSIRO

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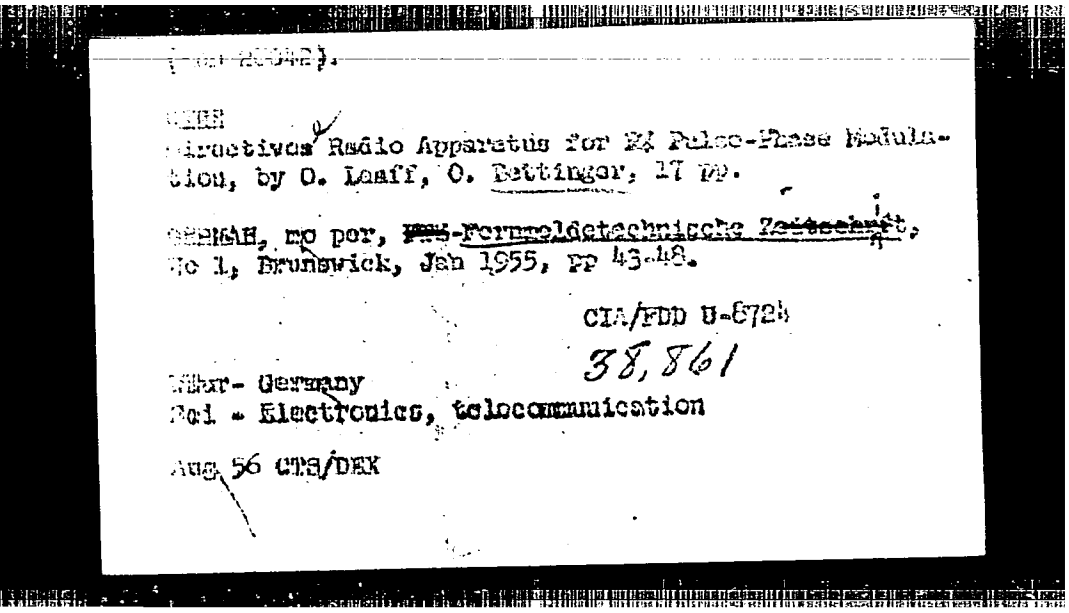

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[illegible]
Directives Radio Apparatus for PCM Pulse-Phase Modulation, by O. Laaff, O. Bettinger, 17 pp.

[illegible], no por, [illegible]-Fernmeldetechnische Zeitschrift, No 1, Brunswick, Jan 1955, pp 43-48.

CIA/FDD U-6724
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Pol - Electronics, telecommunication

Aug 56 CTS/DEK

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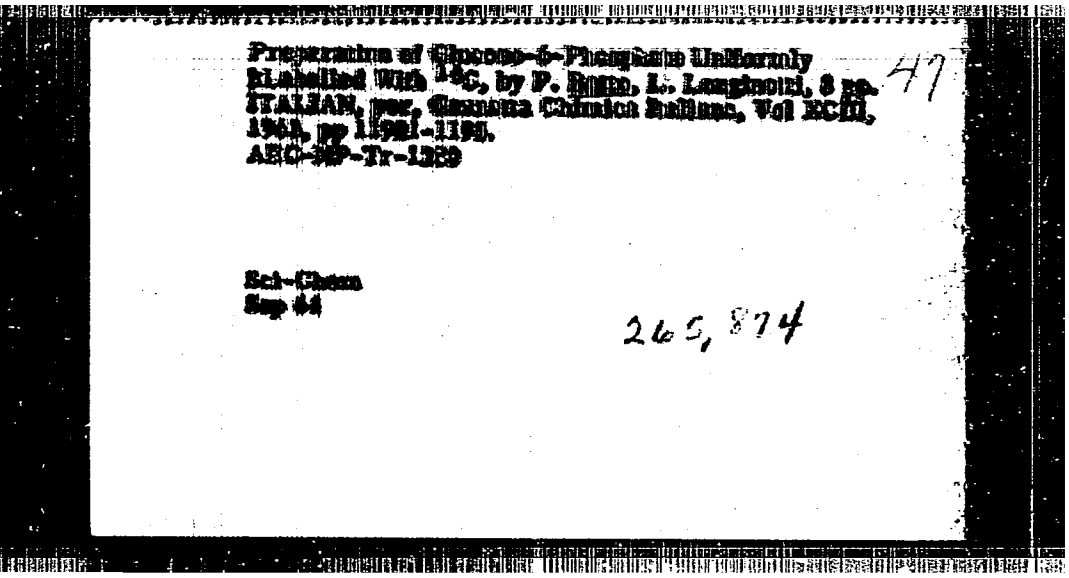

Preparation of Glucose-6-Phosphate Uniformly Labelled With $^{14}C$, by P. Riccio, L. Longobardi, 8 pp. ITALIAN, per, Gazzetta Chimica Italiana, Vol XCIII, 1963, pp 1192-1195. AEC-tr-1229

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Sep 64

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Methods of Control and Decontamination for Aerosols and Radioactive Gases, by A. Facchini, M. M. Bettoni. 23 pp.

ITALIAN, per, l'Energia Eletteica, No 1, 1960, pp 52-65. 9098265

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Measurement of Thermal Neutron Density in a Uniform Medium by Means of Nuclear Emulsions Charged With Boron, by C. Bettu, H. Bruny, J. Fourneaux, 26 pp.

FRENCH, rpt, Phot Corpuscolaire, Colloq Intern 2e, Montreal, 1958, 1959, pp 399-410.

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Sci -
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Plasticisation of Natural Rubber Using 2-
Benzamidothiophenol, Its Zinc Salt and o,o'-
dibenzamidodiphenyldisulphide, by G.E. Batts,
B.K. Karmin, I.I. Eitingon, V.G. Zhakova, N.P.
Strelnikova, 4 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 5,
1960, pp 24-27.

Res Assoc of British Rubber Manu

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A New Method for the Determination of Regions of Maximum Tensile Stress Concentration in Structural Parts, by P. Bettzieche, H. Hengstenberg.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXIII, Nov 1962, pp 775-781.

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P. Bettzieche. UNCL

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BISI 1420
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Sci - Min/Met
Oct 59

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A. Search for New Antibiotics, by Vladimir Betina, 6 pp.

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ACSI H-9194-A
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Sci - Med

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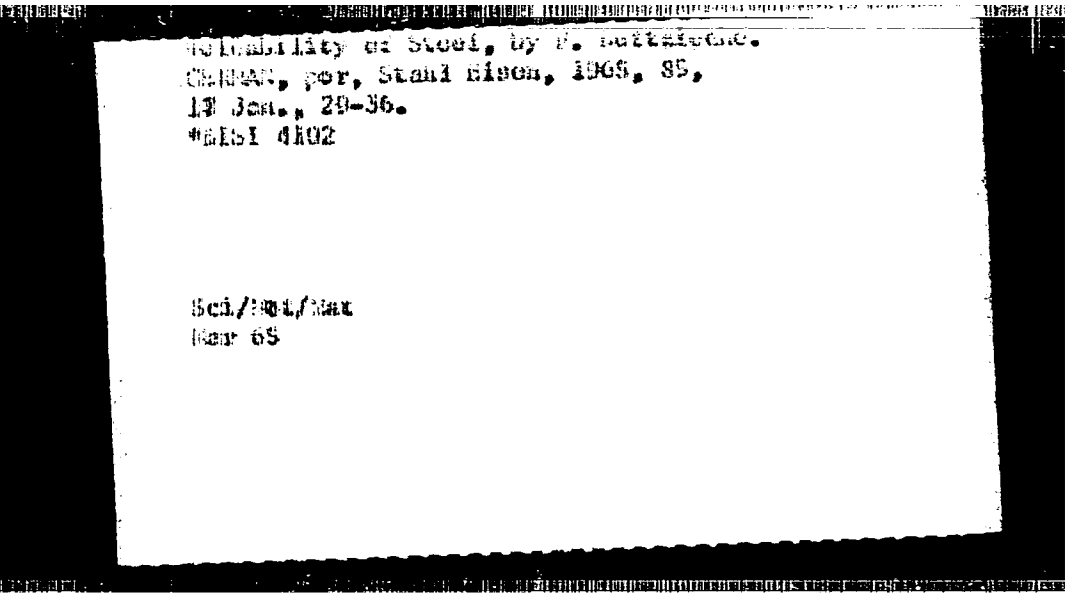


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Testing of Very Thin-Walled Tubes for Fuel Cans Under External and Internal Pressure, by P. Battziech.
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The Calculation and Operational Safety of Steam Boilers, by P. Bettzieche.

CZECH, per, Hutnicke Listy, Vol XIV, No 12, 1959, pp 1169-1171.

BISI 1676

Sci - Engr

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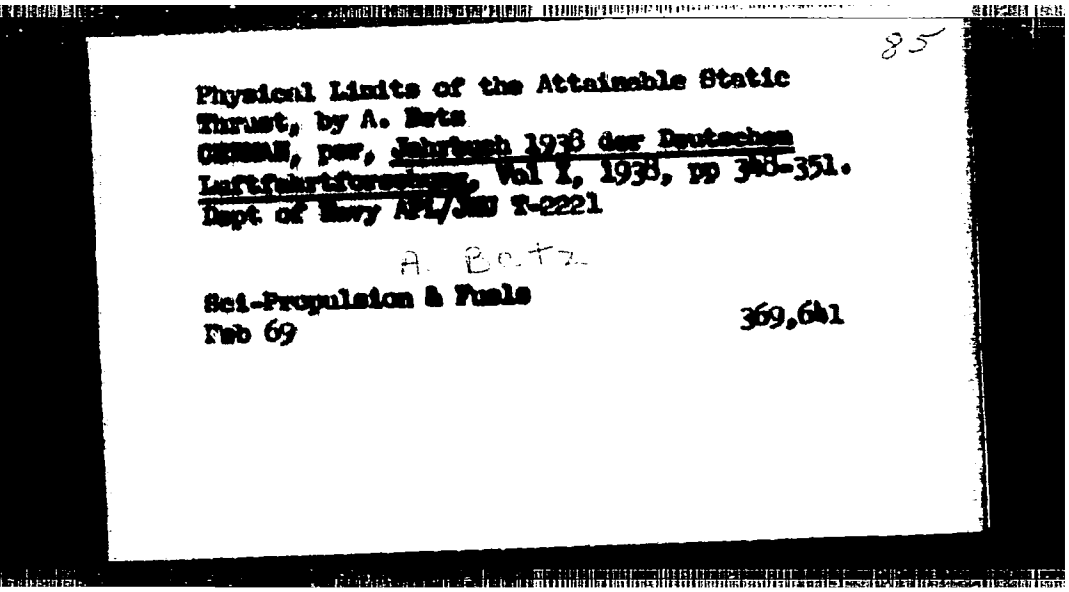

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Physical Limits of the Attainable Static Thrust, by A. Betz
GERMAN, pub, Jahrbuch 1938 der Deutschen Luftfahrtforschung, Vol I, 1938, pp 343-351.
Dept of Navy APL/JHU T-2221

A. Betz

Sci-Propulsion & Fuels
Feb 69

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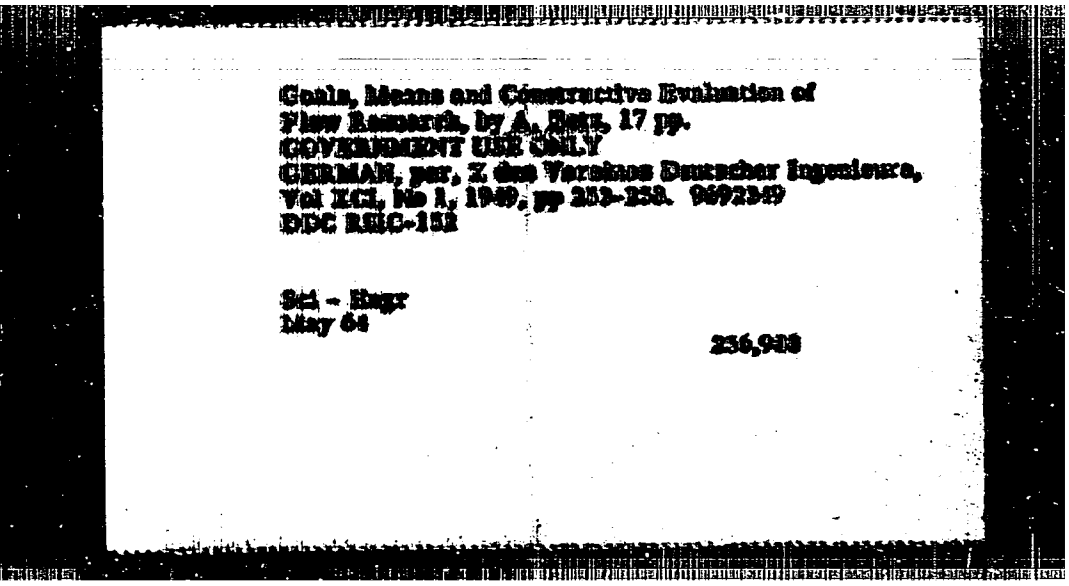

Goals, Means and Constructive Evaluation of
Flow Research, by A. Betz, 17 pp.
GOVERNMENT USE ONLY
GERMAN, per, Z des Vereines Deutscher Ingenieure,
Vol XCI, No 1, 1949, pp 253-258. 9692349
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Sci - Engr
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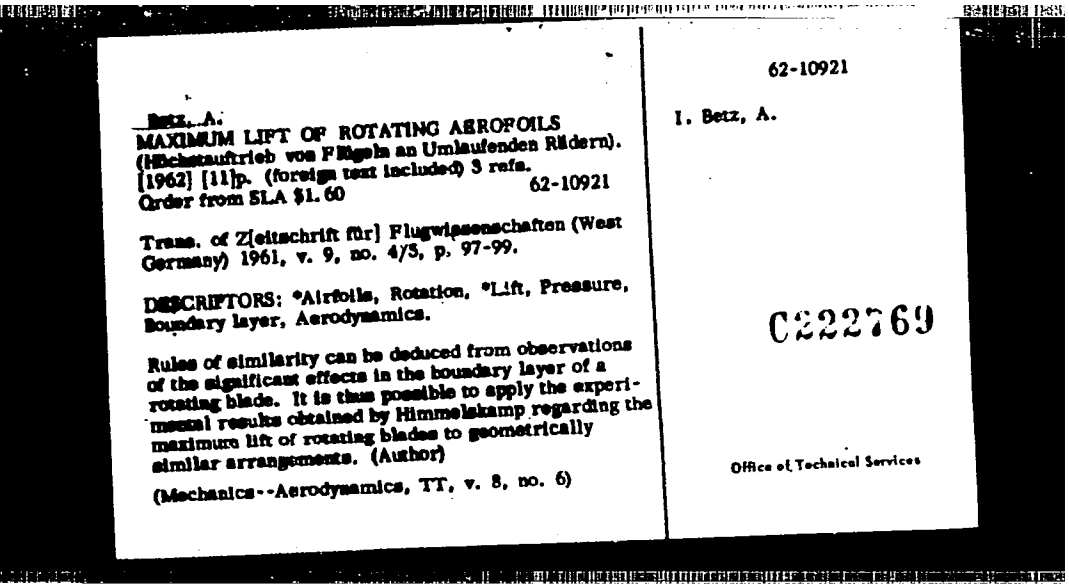

BETZ, A.
MAXIMUM LIFT OF ROTATING AEROFOILS (Höchstauftrieb von Flügeln an Umlaufenden Rädern). [1962] [11]p. (foreign text included) 3 refs.
Order from SLA $1.60 62-10921

Trans. of Z[eitschrift für] Flugwissenschaften (West Germany) 1961, v. 9, no. 4/5, p. 97-99.

DESCRIPTORS: *Airfoils, Rotation, *Lift, Pressure, Boundary layer, Aerodynamics.

Rules of similarity can be deduced from observations of the significant effects in the boundary layer of a rotating blade. It is thus possible to apply the experimental results obtained by Himmelskamp regarding the maximum lift of rotating blades to geometrically similar arrangements. (Author)

(Mechanics--Aerodynamics, TT, v. 8, no. 6)

62-10921

I. Betz, A.

C222769

Office of Technical Services

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Application of the Theory of Free Flow, by A Betz, E. Paterson.

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GERMAN, per, Zeitschrift des Vereines Deutscher Ingenieure, Vol XCII, No 9, 1950, pp 201-206.

NACA N-10136

Scientific - Engineering Oct 1951 CTS

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GERMAN; per; Nachr Ges Wiss Goettingen, Vol XCII, 1919, PP 193-217.

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Sci - Engr
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Incompressible Flows, by A. Betz, 36 pp.

GERMAN, bk, Hydroaerodynamics, ~~p-P~~

SLA Tr 1556

Sci - Physics
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The Method of Singularities for the Determination of Forces and Moments Acting on a Body in Potential Flow, by A. Betz, Goettingen. UNCLASSIFIED 14 pp.

GERMAN, por, Ingenieur-Archiv, 1932.

S.P.A. Tr. 57-1593
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Scientific - Engineering

March 1951 CTS
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APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060013-7

H. Betz

The Diffusion of Hydrogen in Iron and Its Effect on Surface Reactions, by H. Betz.
GERMAN, per, Z. fur Phys., No 117, 1941, pp 100-118.
*AFIS TT 72-53162

Aug 72

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High Frequency Electromagnetic Field in Laminated Iron, by O. Betz, 35 pp.

GERMAN, per, Jahrb Drahtl Telegr u Telephonie, Vol XXVI, No 2, 1925, pp 29-37.

SLA 57-2100

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May 58

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On the Practical Vibration and Strength Experiments With Railroad Vehicles, by E. Sperling, C. Betzhold, 29 pp.

GERMAN, per, Glasers Annalen, Vol LXXXII, No 7, 1958, pp 266-275. 9201841

•AEC SCL-T-445

Sci - Engr

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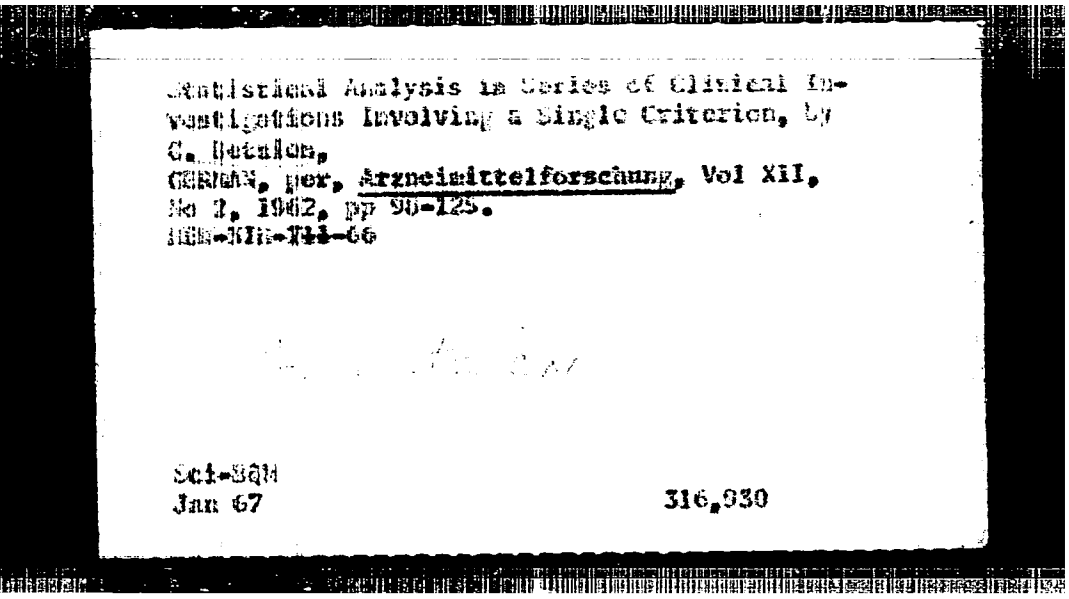

Sentistical Analysis in Series of Clinical Investigations Involving a Single Criterion, by G. Petalon,
GERMAN, per. Arzneimittelforschung, Vol XII, No 1, 1962, pp 90-125.
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The Statistical Processing of Series of Clinical Investigations with One Observation Characteristic, by G.Betzien.
(GERMAN, par, Arzneimittel-Forschung, Vol.12, No.2, pp.89-124, 1962.
OTS Vol.16, No.2.

G. Betzien

Sept 66

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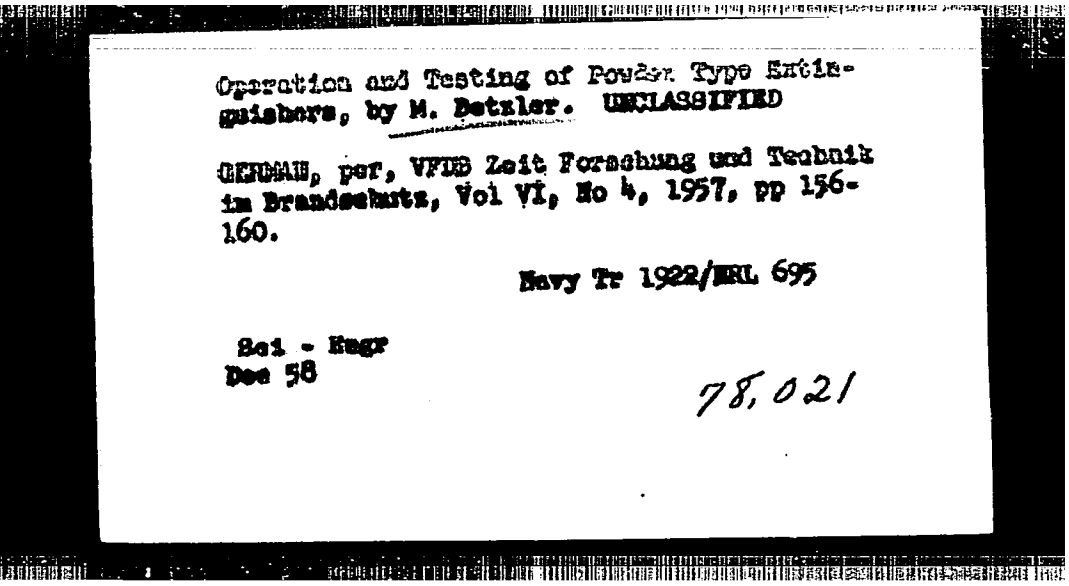

Operation and Testing of Powder Type Extinguishers, by M. Betzler. UNCLASSIFIED

GERMAN, per, VFDB Zeit Forschung und Technik im Brandschutz, Vol VI, No 4, 1957, pp 156-160.

Navy Tr 1922/NRL 695

Sci - Engr
Dec 58

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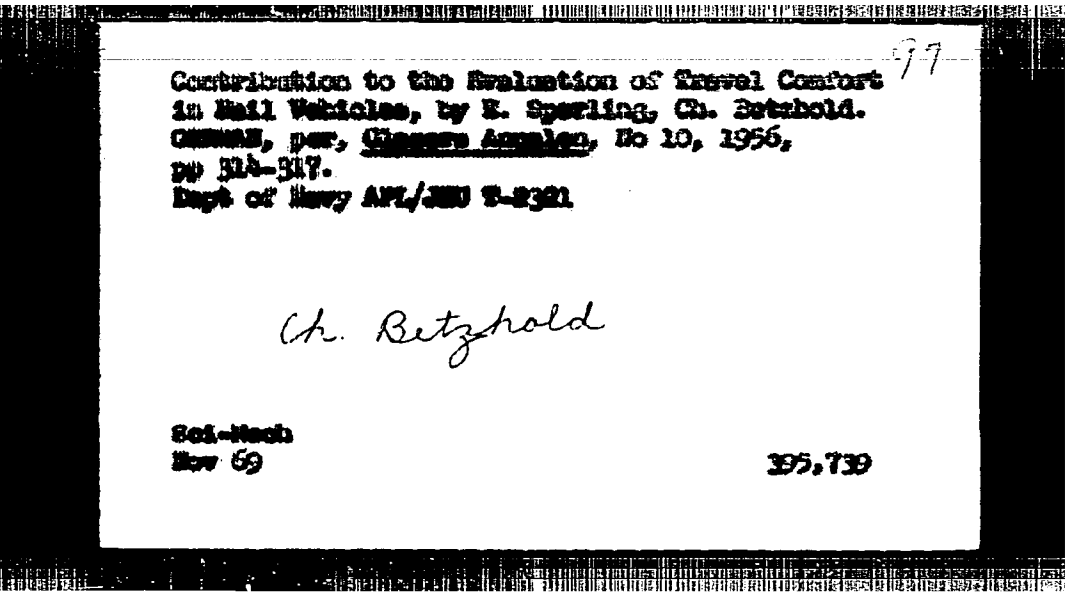

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Contribution to the Evaluation of Travel Comfort
in Rail Vehicles, by E. Sperling, Ch. Betzhold.
German, per, Glasers Annalen, No 10, 1956,
pp 313-317.
Dept of Navy APL/JHU S-2321

Ch. Betzhold

Sci-Mech
Nov 69

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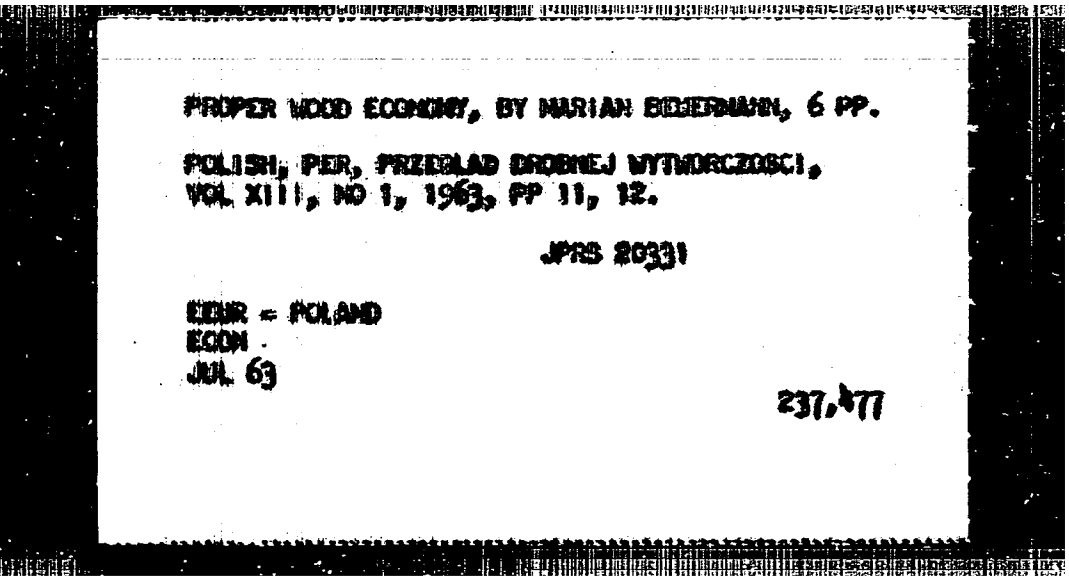

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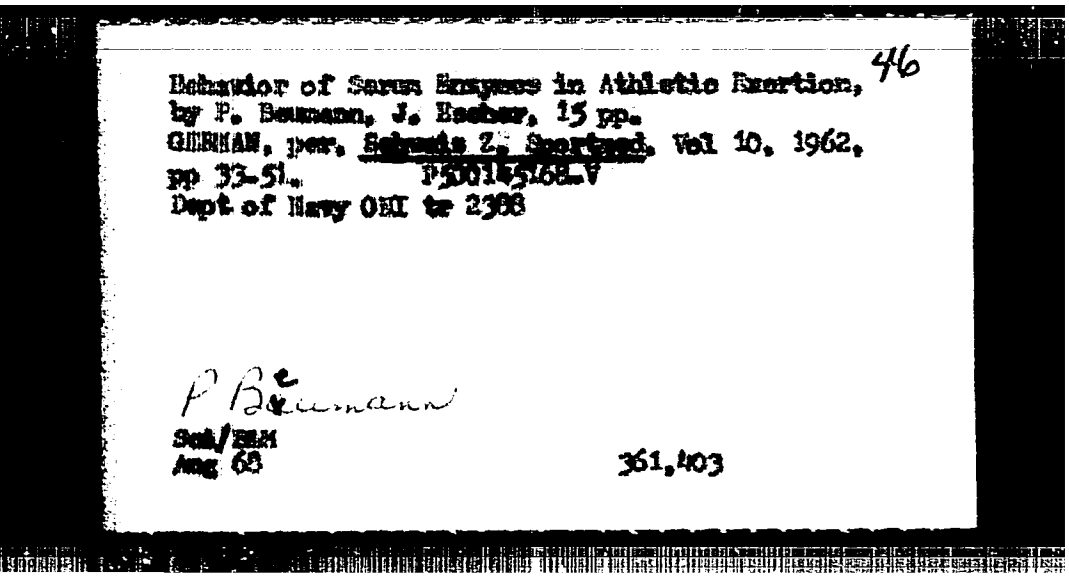

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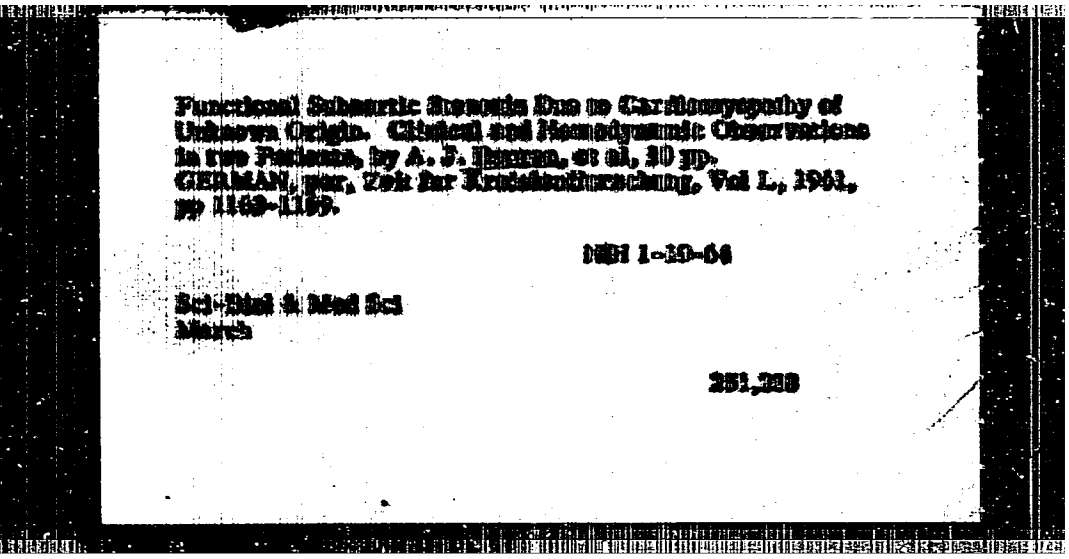

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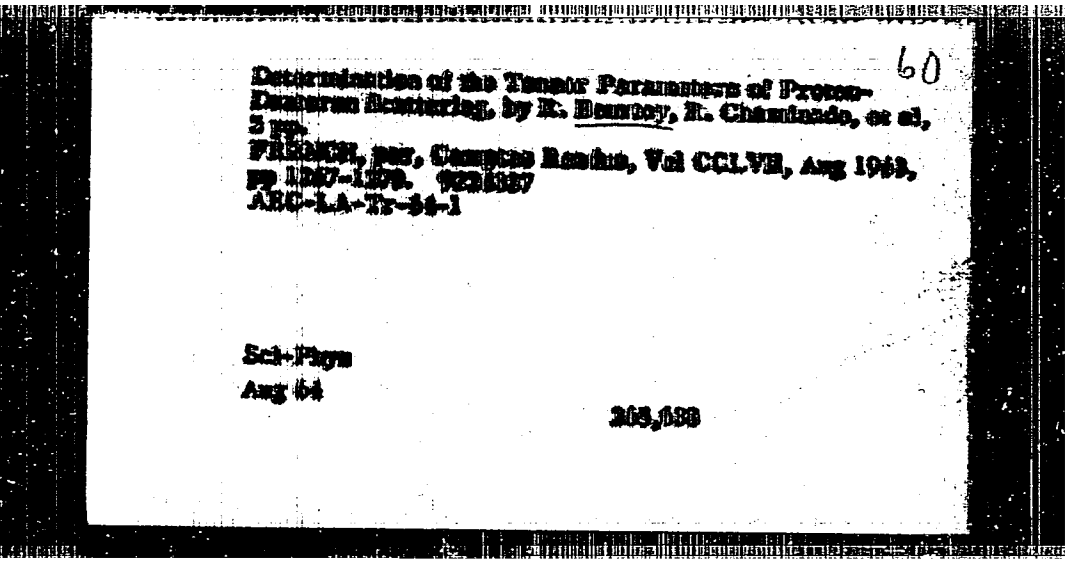

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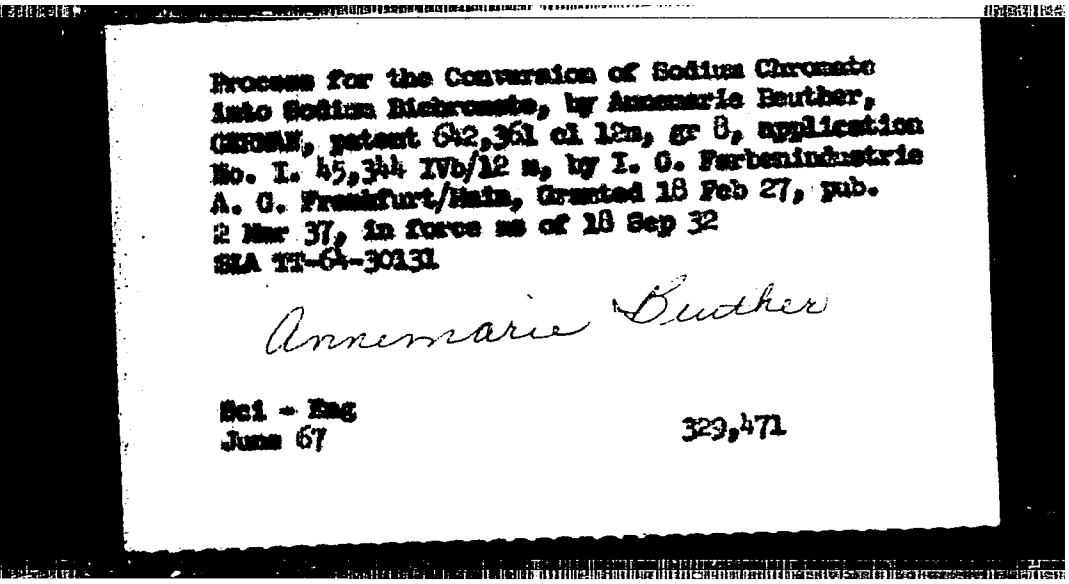

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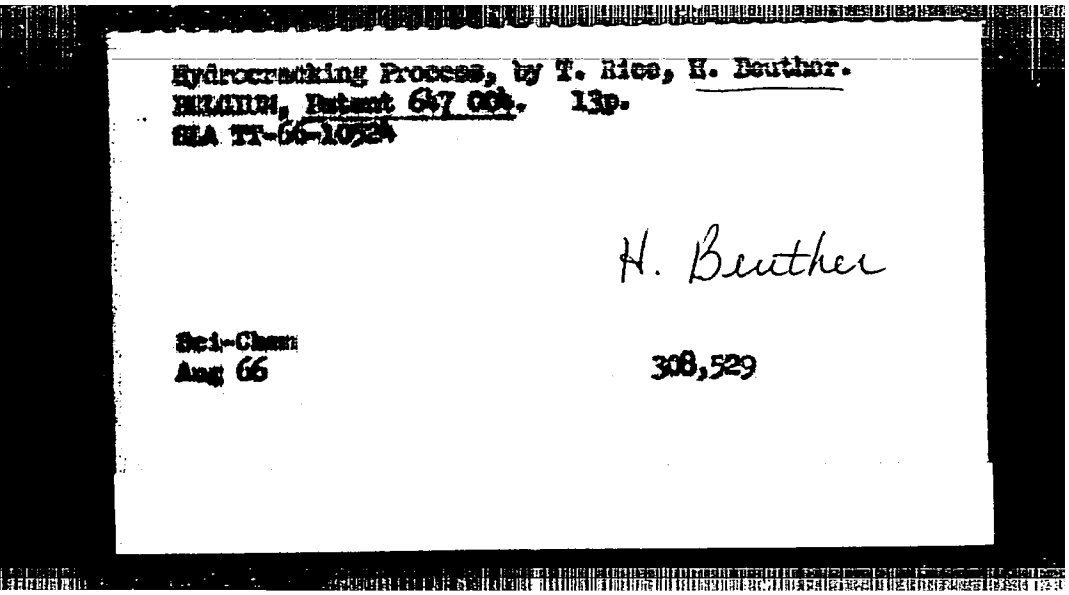

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